
Claims

WHAT IS CLAIMED IS:

1. - 30. (canceled)

31. (new) A liquid aspirator, in particular for liquids containing solids, the liquid aspirator comprising:

at least one aspirator motor;

a receptacle having at least two receiving chambers for liquid;

a vacuum connector connected to the receptacle, wherein liquid is sucked into the receptacle through the vacuum connector with the at least one aspirator motor;

a drainage connected to the receptacle through which drainage liquid contained in the receptacle drains from the receptacle;

a control that controls that the at least two receiving chambers are alternatingly filled with liquid and the at least two receiving chambers that are currently not being filled are being drained.

32. (new) The liquid aspirator according to claim 31, wherein the at least two receiving chambers each have one of the at least one aspirator motor alternatingly switched on and off by the control.

33. (new) The liquid aspirator according to claim 31, wherein the at least one aspirator motor is actuated by the control for alternating aspiration of liquid into the at least two receiving chambers.

34. (new) The liquid aspirator according to claim 31, wherein the control is a mechanical control.

35. (new) The liquid aspirator according to claim 31, wherein the at least two receiving chambers each are sealed relative to a vacuum side of the at least one aspirator motor by a main valve.

36. (new) The liquid aspirator according to claim 35, wherein the main valves are coupled to one another so as to open and close alternatingly.

37. (new) The liquid aspirator according to claim 36, wherein the main valves are mechanically connected to one another.

38. (new) The liquid aspirator according to claim 37, wherein the main valves are coupled by a linkage.

39. (new) The liquid aspirator according to claim 38, wherein the linkage is connected to a switching flap and pivots the switching flap for connecting the vacuum side of the at least one aspirator motor alternately to one of the at least two receiving chambers.

40. (new) The liquid aspirator according to claim 39, wherein the switching flap forms the main valves.

41. (new) The liquid aspirator according to claim 35, wherein the at least two receiving chambers each have a float secured in a guide.

42. (new) The liquid aspirator according to claim 41, wherein the float is arranged underneath the main valve, respectively, so that a rise of liquid in the at least two receiving chambers past a predetermined level forces the float against the main valve and closes the main valve, respectively.

43. (new) The liquid aspirator according to claim 42, wherein the guide has a lower area with penetrations and an upper area that is closed circumferentially, wherein the guide surrounds in the upper area sealingly the float when lifted.

44. (new) The liquid aspirator according to claim 41, wherein the at least two receiving chambers each are sealingly connected by an auxiliary valve to an exhaust side of the at least one aspirator motor.

45. (new) The liquid aspirator according to claim 44, wherein a connection of the exhaust side of the at least one aspirator motor to the at least two receiving chambers is realized by the guide, respectively.

46. (new) The liquid aspirator according to claim 45, wherein a connecting channel extends from a side of the auxiliary valve facing away from the exhaust side of the aspirator motor to the float neighboring the auxiliary valve, respectively.

47. (new) The liquid aspirator according to claim 46, wherein the main valve and the auxiliary valve of each one of the at least two receiving chambers are coupled to open and close alternately.

48. (new) The liquid aspirator according to claim 47, wherein the main valves and the auxiliary valves are coupled mechanically.

49. (new) The liquid aspirator according to claim 48, wherein the main valves are coupled by a first rocker.

50. (new) The liquid aspirator according to claim 49, wherein the auxiliary valves are coupled by a second rocker.

51. (new) The liquid aspirator according to claim 50, wherein the first and second rockers are rigidly connected to one another.

52. (new) The liquid aspirator according to claim 31, wherein the at least two receiving chambers have essentially a cylindrical shape.

53. (new) The liquid aspirator according to claim 31, wherein the at least two receiving chambers have identical volume.

54. (new) The liquid aspirator according to claim 31, wherein the at least two receiving chambers are arranged within one another.

55. (new) The liquid aspirator according to claim 31, wherein the at least two receiving chambers have a bottom side that is closable by a common vacuum flap supported pivotably between two stops such that, when the vacuum flap rests against one of the two stops, the vacuum flap closes off a first one of the at least two receiving chambers and opens a second one of the at least two receiving chambers toward the drainage.

56. (new) The liquid aspirator according to claim 31, wherein the receptacle is pivotably supported.

57. (new) The liquid aspirator according to claim 56, wherein the receptacle is supported so as to swing about a substantially horizontal axle.

58. (new) The liquid aspirator according to claim 57, wherein the at least two receiving chambers each have an air aspiration opening and the air aspiration openings are alternatingly connected to a vacuum side of the at least one aspirator motor by pivoting the receptacle.

59. (new) The liquid aspirator according to claim 58, wherein the air aspiration

openings are arranged in a wall area of the receptacle which wall area is curved with a substantially constant radius about a pivot axis of the receptacle.

60. (new) The liquid aspirator according to claim 56, wherein the receptacle is divided into the at least two receiving chambers such that as liquid rises in a first one of the at least two receiving chambers, a center of gravity of the receptacle shifts, causing the receptacle to automatically pivot into a position that releases a second one of the at least two receiving chambers for filling with liquid.

61. (new) The liquid aspirator according to claim 31, wherein the receptacle in cross-section has substantially a circular shape that is divided by a partition into two of the at least two receiving chambers and said two of the at least two receiving chambers each have a substantially semi-circular cross-section.

62. (new) The liquid aspirator according to claim 61, wherein the two receiving chambers each have an air aspiration opening and the air aspiration openings are alternately connected to a vacuum side of the at least one aspirator motor, wherein the air aspiration openings are arranged adjacent one another on opposite sides of the partition and have closable drainage openings positioned opposite one another relative to the partition.